

**101 GENERAL****101.1 Requirements/Guidance**

Within this manual, italicized text identifies recommended guidance (not mandatory), based on good business practice and through lessons-learned at LANL. All other text in regular type are **mandatory** requirements.

**101.2 Edition of Codes and Standards**

Comply with the latest edition of each code and standard in effect at the time of design contract award throughout the projects' design and construction, unless otherwise noted in the LANL Work Smart Standards Set.

**101.3 Conflicts Between Codes and Standards**

If there is a conflict between codes, standards, and LANL Facility requirements in the manual, contact the Discipline POC for assistance in resolving the conflict.

**102 REQUIRED DOCUMENTS****102.1 Work Smart Standards (WSS)**

- 102.1.1** LANL Environmental Health and Safety Work Smart Standards Appendix G of the University of California/DOE Contract.
- 102.1.2** Comply with the edition and addenda (um) in effect on the effective date noted in the WSS set, unless otherwise specified. Exception: Comply with the latest edition of the CFRs.
- 102.1.3** Access to these standards are available on the World Wide Web at [http://labs.ucop.edu/app\\_g/wss-lanl.pdf](http://labs.ucop.edu/app_g/wss-lanl.pdf) Organizations external to LANL may obtain a copy of the WSS set from the LANL Project Leader.

**102.2 LANL Documents****102.2.1 Facility Engineering Manual**

The Facility Engineering Manual, arranged by discipline specific chapters, provides site specific engineering requirements and guidance for LANL facilities.

**102.2.2 Facility Construction Specifications Manual**

The Facility Construction Specifications Manual provides templates for the preparation of project specific construction specifications at LANL. These documents are referenced throughout the Facility Engineering Manual. The following instructions are provided concerning their use.

- C Specification sections referenced in the Facility Engineering Manual in regular type are to be considered guidance specifications that shall be used for establishing the specifications for specific projects. The specifications shall be edited to reflect the scope of the project. If the engineer/designer wishes to take a variance for a portion of an applicable Construction Specification, the POC for that specification shall be contacted for concurrence.
- C Specification sections not referenced in the Facility Engineering Manual or noted in *italicized type* are to be considered guidance specifications. These specifications may be edited to suit the projects and variances may be taken at the discretion of the engineer/designer.

**102.2.3 Facility Drafting Manual**

The Facility Drafting Manual provides drafting requirements for use when creating or revising construction drawings for LANL facility construction projects and preparing as-built drawings.

- 102.2.4** The above manuals are not intended to cover all requirements necessary to provide a complete operating facility. The engineer/designer is responsible for providing a complete design package (drawings and specifications) as required to meet project specific requirements.

Questions concerning the contents in these manuals should be addressed to the applicable LANL discipline POC.

The manuals are available on the World Wide Web at <http://www.lanl.gov/f6stds/pubf6stds/xternhome.html>.